cells have sufficient padding for clarity. Align the table content using text-align and center the table on the webpage. Include a caption at the top of the table labeled **"Employee Information."** 4

4. What is the difference between var, let, and const in JavaScript? Give examples. 5

5 Write a JavaScript program that takes a number as input and checks whether it is a prime number or not. Display the result using alert() 5

6. Explain the concept of DOM manipulation in JavaScript and provide an example of how it can be used to change the content and style of a webpage element when a button is clicked. 10

7. (a) Describe the process of setting up user authentication and authorization in a Flask application 5

   (b) Explain the concept of Flask templates and Jinja2 5

8. (a) What are the features of JSON? Explain the methods of JSON with examples. 5

   (b) Explain string methods in JavaScript. Write a program that takes a sentence and counts the number of words in it. 5

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B.Tech Even Semester Examination, May, 2025

Computer Science & Engineering

(6th Semester)

Course No: CSE-603(22)

(Web and Internet)

Full Marks: 50

Pass Marks: 25

Time: 2 hours

Note:

1. Attempt any five questions.
2. Begin each answer in a new page
3. Answer parts of a question at a place
4. Assume reasonable data wherever required
5. The figure in the right margin indicates full marks for the question
6. All the mathematical symbols and abbreviations have their usual meanings.

1. (a) Define URL. Explain the differences between absolute URL and relative URL with examples. 1+5=6

   (b) Explain about HTML form tag with its attributes. 4

2. Describe how to create a simple navigation bar using HTML and CSS. 10

3. (a) Explain the different types of CSS selectors with examples. 6

   (b) Create a table in HTML to display a list of employees and their details, using only HTML and CSS. The table should include columns for Employee ID, Employee Name, Department, Salary, and Employment Status. Add borders to the table and ensure the